

### **ABSTRACT**

A torque control method for an internal combustion engine for computing a required torque and controlling a throttle motor on the basis of the required torque includes computing a first required torque on the basis of a depression amount of an acceleration pedal and an engine speed, and computing a second required torque by multiplying an output value of a gradient limit function by an output value of a time delay function. The output value of the gradient limit function is determined on the basis of the first required torque, an acceleration pedal depression amount, an engine speed, and a shift range. The output value of the time delay function is determined on the basis of the shift range.